

ABSTRACT OF THE DISCLOSURE

In general, increased video image contrast is achieved by reducing light transmission through an antistatic/antireflective (ASAR) coating disposed on the surface of the display screen of a cathode ray tubes (CRT) by adding an organic dye to the coating. A silane coupling agent is added to the coating to prevent diffusion of the dye out of the coating which gives rise to undesirable water marks on the display screen.

5 However, the silane couple agent at the required concentrations weakens the mechanical strength of the coating, reduces its electrical conductivity, and changes its light reflective index. To avoid this, two or more different silane coupling agents are added to the ASAR coating with the plural silane coupling agents having an additive, or combining, effect which allows for the use of reduced amounts of the coupling agents and avoids the aforementioned problems. One agent is hydrophobic, while the other bonds to the organic dye.

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